

AMENDMENTS TO THE CLAIMS

Please amend Claims 1, 9, 11, and 12 as indicated below without prejudice or disclaimer.

1. (Currently Amended) A method for transferring data in a multi-tiered storage system, the method comprising:

performing a ~~plurality of primary copies~~ first backup copy of data stored in a data source, wherein said performing of ~~at least one of the plurality of primary copies~~ first backup copy further comprises:

dividing the data in the data source into at least a first portion of data and a second portion of data, the data comprising multiple file types, and

transferring the first and second portions of data from the data source to a first storage medium and a second storage medium using a first data stream and a second data stream respectively to create the first backup copy of the data;

~~receiving user input indicating whether or not the first portion of data and the second portion of data should be combined;~~

identifying the multiple file types of data in the first and second portions of data;

determining based at least upon the file types if the first portion of data and the second portion of data in the first backup copy can be combined; and

~~if the user input indicates that the first portion of data and the second portion of data should be combined, and if the first portion of data and the second portion of data can be combined,~~ performing a second backup copy of the first and second portions of data, wherein the second backup copy saves the first and second portions of data in a combined format, wherein the performing of the second backup copy comprises:

transferring the first and second portions of the first backup copy of the data from the first and second storage mediums to a third storage medium using a third combined by combining data stream streams from the first and second storage mediums, and

storing on the third storage medium, the additional copies of the data by storing in a combined format, the first and second portions of the first backup copy to create the second backup copy; and

restoring the first portion of data to the data source by retrieving the first portion of data from the combined format of the second backup copy.

2. (Original) The method as recited in claim 1, wherein the transfer from the first and second storage medium to the third storage medium is performed in chunks.

3. (Canceled)

4. (Canceled)

5. (Original) The method as recited in claim 1, wherein the transfer using the third data stream is performed based on a client identification of the first and second portion of data.

6. (Original) The method as recited in claim 1, wherein the transfer using the third data stream is performed based on respective stream numbers of the first and second streams.

7. (Canceled)

8. (Canceled)

9. (Currently Amended) A system for transferring data, the system comprising:

a data source;

a media agent connected to the data source;

a management server connected to the media agent, said management server storing a storage policy;

a first storage medium, a second storage medium, and a third storage medium, wherein at least the first storage medium and the second storage medium are connected to the media agent; wherein

the data source is divided into at least a first and a second portion of data;

the media agent is configured to transfer the first and second portions of data from the data source to the first and second storage medium using a first and second data stream respectively;

the media agent is configured to access the storage policy to determine if the first and second portions of data should be combined;

the media agent is configured to determine if the first portion of data and the second portion of data are combinable based on file types of data contained by the first and second portions of data; and

the media agent is configured to transfer the first and second ~~portion~~portions of data from the first and second storage medium to the third storage medium using a third combined data stream to create additional copies of the first and second portions of data wherein the additional copies store the first and second portions of data in a combined format; and

restoring the first portion of data by retrieving the first portion of data from the combined format of the additional copies stored in the third storage medium.

10. (Original) The system as recited in claim 9, wherein the transfer from the first and second storage medium to the third storage medium is performed in chunks.

11. (Currently Amended) A recording medium in a storage system with data stored thereon, the data produced by:

copying data from a data source to a plurality of storage media, wherein said copying comprises

splitting the data source data into at least a first and a second portion,

transferring the first portion to a first storage medium using a first stream,

transferring the second portion to a second storage medium using a second stream;

~~accessing user input regarding whether the first and second portions of data should be combined;~~

identifying file types of data in the first and second portions of data;

determining, based upon the file types, whether or not the first portion and the second portion are combinable into one or more data streams; and

transferring the first and second portion of data from the first and second storage medium to a third storage medium using a third combined data stream to create additional copies of the first and second portions of data wherein the additional copies store the first and second portions of data in a combined format; and

restoring the first portion of data by retrieving the first portion of data from the combined format of the additional copies stored in the third storage medium.

12. (Currently Amended) A method for transferring data in a storage system, the method comprising:

dividing a data source into at least a first and a second portion of data;

transferring the first and second portion of data from the data source to a first number of pieces of storage media;

accessing user input regarding whether the first and second portions of data should be combined;

determining if the first portion of data and the second portion of data are combinable based upon files types contained in the first and second portions of data; and

transferring the first and second portion of data from the first number of pieces of storage media to a second number of pieces of storage media, the second number being less than the first number to create additional copies of the first and second portions of data wherein the additional copies store the first and second portions of data in a combined format; and

restoring the first portion of data by retrieving the first portion of data from the combined format of the additional copies stored in the second number of pieces of storage media.

13. (Previously Presented) The method of Claim 1, additionally comprising providing a user notification if the first portion of data and the second portion of data cannot be combined.

14. (Previously Presented) The method of Claim 1, wherein the first portion of data is associated with a first application and the second portion of data is associated with a second application.

15. (Previously Presented) The system of Claim 9, wherein the first storage medium has a faster access time than the third storage medium.

16.–18. (Canceled)

19. (Previously Presented) The system of Claim 9, further comprising an archive module configured to store at least one storage policy relating to transferring the first and second portions of data.

20. (Previously Presented) The system of Claim 19, wherein the media agent is further configured to access the storage policy to determine if the first portion of data and the second portion of data are combinable.

21. (Canceled)

22. (Previously Presented) The method of Claim 1, wherein the user input is stored in a storage policy.

23. (Previously Presented) The method of Claim 22, wherein the storage policy further maps the first portion of data and second portion of data to physical locations of, respectively, the first storage medium and the second storage medium.

24. (Previously Presented) The method of Claim 1, further comprising providing a graphical user interface for receiving the user input.

25. (Canceled)

26. (Previously Presented) The method of Claim 24, wherein said receiving comprises presenting the user with a form element, through the user interface, requesting whether or not the first and second portions of data should be combined.